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Subject: Hurricane Harvey ESF-10 Situation Report for 10-3-17
Attachments: Hurricane Harvey ESF-10 Texas Situation Report _35 for 10-3-17.pdf

ALCON:

Attached is the SITREP for 10-3-17.

Enjoy,

BMC Billy Cline



Hurricane Harvey-Texas

ESF-10

Situation Report #35

10/3/2017

INTRODUCTION

Hurricane Harvey made landfall at 2300 ET, August 25th, as a Category 4 storm near Rockport, Texas. Harvey stalled over southeastern TX. Due to its slow motion and a prolonged period of onshore flow, the impacted areas received more than 50 inches of precipitation that produced catastrophic flooding.

An ESF-10 Mission Assignment was issued to the U.S Environmental Protection Agency and to the U.S. Coast Guard. The US Environmental Protection Agency (EPA), Texas Commission on Environmental Quality (TCEQ), the Texas General Land Office (TGLO) and the U.S. Coast Guard (USCG) established a Unified Command to evaluate and mitigate oil and hazardous materials discharge/releases from facilities, sunken vessels and orphan containers.

On September 26, 2017, the EPA transitioned their ESF10 response back to TCEQ. EPA and TCEQ have since demobilized from the ESF10 incident command post. EPA waste disposal activity at the Dorsett Street Staging Area will continue to be reported in this situation report for continuity, though operations are managed out of the EPA Region 6 office. The Unified Command now consists of USCG and TGLO and is focused on vessel pollution removal operations. An EPA Data Manager and data contractors continue to support the Unified Command with the use of the Response Manager database, in accordance with the Natural Disaster Operational Workgroup (NDOW) Standard Operating Procedures.

The Unified Command is directing and managing response activities through three operational branches: Alpha Branch in Corpus Christi, Bravo Branch in Houston, and Charlie Branch in Port Arthur.

The scope of work for the USCG and EPA Mission Assignments are in found in Table 1 below.

Table 1. Mission Assignments as of 9/22/17			
Funding Sources	Description	Funding Ceiling	End Date
MA 4332DR-TX-USCG-08 D17BA2	As directed by and in coordination with FEMA, US Coast Guard (USCG) will provide oil and hazardous material field response in support of response operations. Field Response activities may include but not limited to the following: placement of vessels removed of pollutants to predetermined staging area; provide specialized expertise, conducting damage assessments of oil/hazmat waste impact via air and/or water; contactor oversight; evaluating hazards; and/or response, removal, or disposal of: actual and potential oil discharges, and releases of hazardous materials, pollutants and contaminants, and remove pollutants from vessels in or upon navigable waters and adjoining shoreline. USCG will deploy resources for the State of Texas. USCG is responsible for providing personnel, equipment and logistical support as necessary to accomplish the mission.	\$40,000,000	12/22/2017
MA 4332DR-TX-EPA-04	As requested by the State of Texas, and in coordination with FEMA, ESF-10 personnel will conduct field operations, to include, but not limited to: identify and assess impacts to drinking water and wastewater critical infrastructure; assist in the implementation of Response Manager tracking system; emergency response to oil and hazardous materials discharge/releases; and augmenting personnel for response operations.	3,301,270	10/12/2017

CURRENT ACTIVITIES

On October 2, 2017, the Unified Command continued operations in accordance with the approved Incident Action Plan #27.



Vessels removed in Bravo branch on Global barge.



Fuel removal from the F/V R&R.

ALPHA BRANCH

Target Assessment Group 1:

- Assessed status of vessels at JFK Causeway Marina, Island Moorings Marina, Ingleside Marina, Aransas Pass Marina, Conn Brown, Cove Harbor, Key Allegro, Rockport Marina and Fulton Harbor.
- Opened one vessel target in Key Allegro.
- Opened one vessel target in Palacios.
- Closed one vessel target at Cove Harbor, owner removed.
- Closed one vessel target at Island Moorings, owner removed.

Target Assessment Group 2:

- Assessed status of vessels in Port O'Connor, Port Lavaca, and Seadrift with no new findings.

Vessel Removal Group 1:

- Monitored dive operations in Conn Brown Harbor.
- 2,865 gallons of fuel was removed from the F/V R&R.

Vessel Removal Group 2:

- On standby.

Cove Harbor Staging Area:

- Nothing significant to report.

BRAVO BRANCH

Target Assessment Group 1:

- Assessed all targets in branch to ensure correct status.

Vessel Removal Group 1:

- Monitored salvage operations of two shrimp boats in Brazoria by T&T Contractors. Both vessel targets were removed.

Vessel Removal Group 2:

- Laredo Construction removed one vessel and added to existing three vessels on barge, for a total of four. Transported and placed four vessels in the Dickinson Bayou Staging Area.
- Laredo Construction is in route to remove next target in Dickinson Bayou.
- One vessel target closed near the Lynchburg Ferry.

Dorsett Staging Area:

- All propane cylinders have been taken off-site for recycling.
- All containment cells on the waste pad have been dismantled.

Dickinson Bayou Staging Area:

- Received four vessels in staging area.

CHARLIE BRANCH

Oil Discharge Recovery Group 1:

- EPA START contractor continued to monitor RP-led clean-up at LD Construction Company oil spill.
 - a. Removed oil impacted soil and vegetation.
 - b. Seven of ten impacted properties are complete. One will be completed tomorrow. One still requires more activity. One still requires owner permission to access.
 - c. Replaced all used sorbent booms in water canals and sorbent sheets on affected waters.
 - d. Yard maintenance and sand being placed over damaged portions of residential properties.

Target Assessment Group 1:

- On standby.

Vessel Removal Group 1:

- Assessed status of vessels at the Beaumont Marina and RV Park.
- Placed sorbent boom around a vessel in slip 49 at Beaumont Marina. Owner was contacted and will take over clean-up.
- TGLO provided Beaumont Marina owner barge contacts for insurance led work.

Beaumont RV Marina Staging Area:

- Nothing significant to report.

PUBLIC INFORMATION AND LIAISON

- Reviewed and approved images of vessel removal operations.
- Reviewed news clips and social media posts.
- Photographed removal operations at Conn Brown Harbor.
- Recorded video and still imagery of removal operations in Dickinson Bayou.
- Spoke with TGLO about the Port Aransas Mayor's weekly State of the City address. He will be speaking about the vessels still to be removed in the Port Aransas Harbor.

FINANCE (USCG)

USCG Mission Assignment Ceiling: \$40,000,000.00

Funds obligated to date: \$12,825,235.97

(Including both MAs)

Remaining Ceiling: \$27,174,764.03

Participating Agencies

- Texas General Land Office (TGLO)
- US Environmental Protection Agency (USEPA)
- US Coast Guard (USCG)

Table 2. Personnel on Site as of 10/3/2017					
Agency	ICP	Alpha Branch	Bravo Branch	Charlie Branch	Totals
USEPA	2	0	1	0	3
USCG	29	23	22	7	81
TGLO	4	4	2	5	15
Contractors	16	39	29	24	108
Totals	51	66	54	36	207

Table 3. Field Teams on 10/3/2017 – per IAP #27				
Teams	Alpha	Bravo	Charlie	Total
Hazard Evaluation	0	0	0	0
Hazard Evaluation Debris	0	0	0	0
Oil Discharge Recovery	0	0	1	1
ER/Orphan Container Recovery	0	0	0	0
Staging Areas	1	2	1	4
Air Operations	0	0	0	0
Air Monitoring	0	0	0	0
Vessel Removal	2	2	1	5
Target Assessment	2	1	1	4
Totals	5	5	4	14

Note: Open means the target is yet to be recovered/cleaned up. Closed means the target was recovered/cleaned up by Unified Command or Responsible Party, or not found upon return to location.

Table 4. Daily/Cumulative Summary of VESSELS UPDATED				
Status	Opened		Closed	
	10/3/2017	Number of Vessels Remaining Open	10/3/2017	Cumulative
Alpha Branch	2	132	2	367
Bravo Branch	0	25	5	61
Charlie Branch	0	29	0	37
NRC Reports	0	0	0	13
Totals	2	185	7	478

Note: Open means the target is yet to be recovered/cleaned up. Closed means the target was recovered/cleaned up by Unified Command or Responsible Party, or not found upon return to location.

Table 5. Amount of Oil/Haz Mat Recovered from Removed Vessels				
	Oil Recovered Today (gallons)	Total Gallons of Oil Recovered	HAZMAT Recovered Today (gallons)	Total Gallons of HAZMAT Recovered
Alpha	2865	5776	0	0
Bravo	0	33	0	0
Charlie	0	50	0	0
Totals	2865	5859	0	0

	HAZMAT Recovered Today (pounds)	Total Pounds of HAZMAT Recovered	HAZMAT Recovered Today (cylinders)	Total Cylinders of HAZMAT Recovered
Alpha	0	0	0	0
Bravo	0	0	0	1
Charlie	0	0	0	0
Totals	0	0	0	1

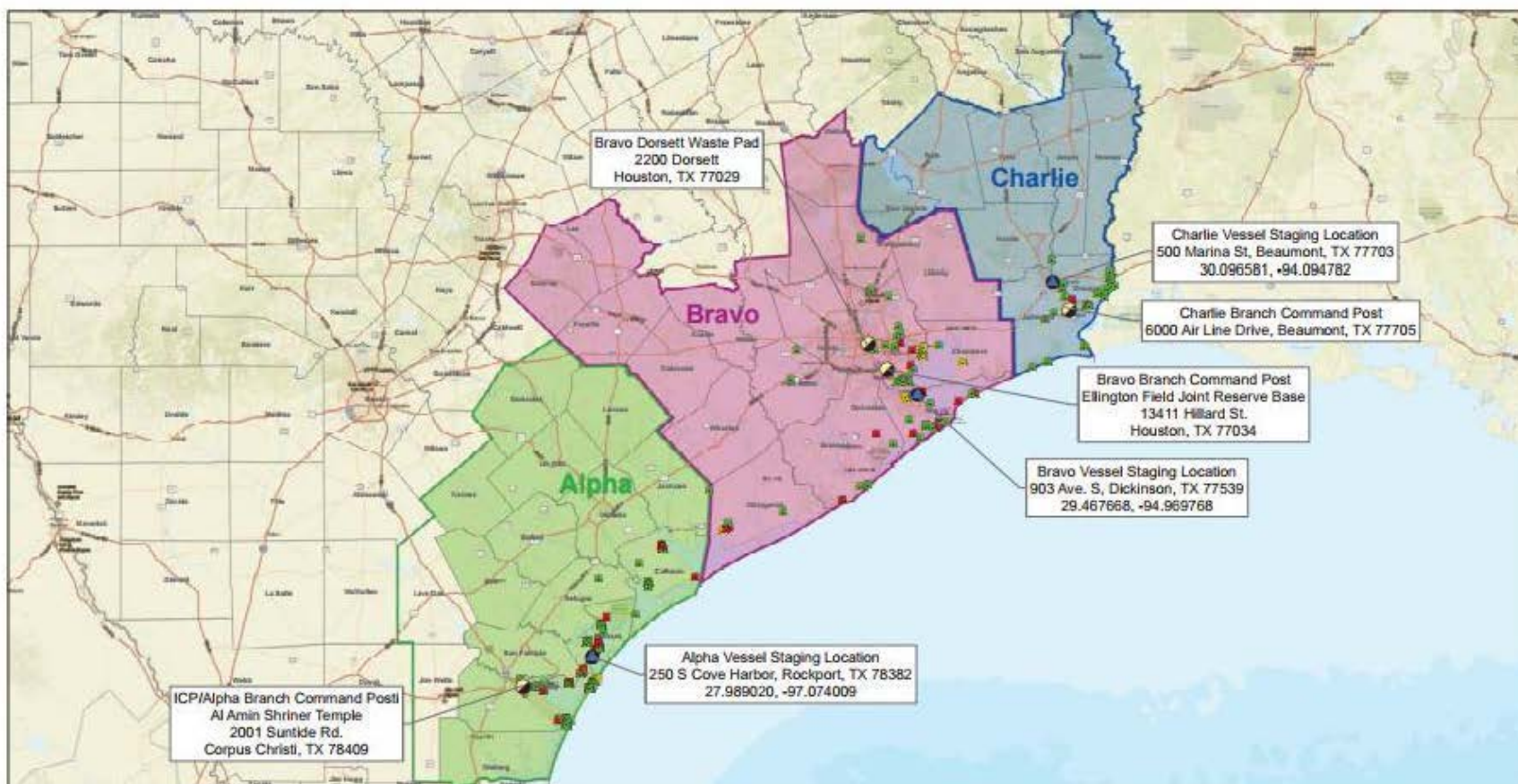
Note: Quantities based on Response Manager entries.

Table 6: Daily/Cumulative Summary of Spills/Discharges (NON-VESSELS)				
Status	Opened		Closed	
	10/3/2017	Number of Facilities/Spills Remaining Open	10/3/2017	Cumulative
Alpha Branch	0	0	0	33
Bravo Branch	0	0	0	76
Charlie Branch	0	1	0	26
NRC Reports	0	0	0	130
Totals	0	1	0	266

Table 7. Waste Received at All Staging Pads to Date						
Date	CONTAINERS				TOTALS	
	Drums [55gal]	Small Containers [< 55gal]	Large Containers [> 55gal]	Cylinders	Total Items Collected Today	Total Items Collected Project to Date
10/3/2017	0	0	0	0	0	990
	465	508	36	146		

Table 8. Items/Materials Processed for Disposal						
Date	Drums [55gal]	Small Containers [< 55gal]	Large Containers [> 55gal]	Cylinders	Solid Waste/Roll Off Box	Total Scrap Metal Recycled (lbs)
Total Present at all Staging Pads (10/3/17)	465	508	36	146	6	
Processed for Disposal						5,000
9/29/2017	12	4	1	0	0	
9/30/2017	0	36	0	10	0	
10/1/2017	0	0	0	0	0	
10/2/2017	0	60	0	11	0	
10/3/2017	0	0	0	42	0	
Remaining to be Processed for Disposal	0	0	0	12	0	
Percent Remaining	0%	0%	0%	8%	17%	

Table 9. Vessels with Vessel Removal Completed Date by Branch		
Alpha	Bravo	Charlie
0	7	0



Legend

Federally Declared Counties: ■ in Alpha ■ in Bravo ■ in Charlie

Facility/Spill Assessment

- Open
- Open - Cleanup in Progress
- Closed

Vessels

- ▲ Open
- ▲ Open - Cleanup in Progress
- ▲ Closed

- Incident Command Post (ICP) / Staging Area
- Vessel Staging Location

USA EPA REGION 6 SITREP Map Alpha, Bravo, Charlie

Hurricane Harvey Response
October 3, 2017



EPA GIS
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